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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/524,221	02/08/2005	Helmut Schwegler	10191/3500	4098
26646	7590	07/27/2006	EXAMINER	
KENYON & KENYON LLP ONE BROADWAY NEW YORK, NY 10004			GANEY, STEVEN J	
			ART UNIT	PAPER NUMBER
			3752	

DATE MAILED: 07/27/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/524,221		SCHWEGLER ET AL.	
	<b>Examiner</b>		<b>Art Unit</b>	
	Steven J. Ganey		3752	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 08 May 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 14-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 14-27 is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

### DETAILED ACTION

1. This application is in condition for allowance except for the following formal matters:

In the claims:

Claim 14, line 8, the phrase --one of-- should be inserted before the phrase “spray-discharge” and the word “orifice” should be changed to --orifices-- to clearly indicate that these are the same discharge orifices defined in line 4.

Claim 14, line 12, the word --disk-shaped-- should be inserted before the phrase “nozzle body insert” in order to maintain proper antecedent basis.

Claims 16 and 17 should be canceled outright since both claims no longer further limit claim 14, since claim 14 now recites in line 3 “a nozzle body formed as a hollow cylinder and at least one disk-shaped nozzle body insert”.

Claim 18, line 2, the word --disk-shaped-- should be inserted before both instances of the phrase “nozzle body” in order to maintain proper antecedent basis.

Claim 19, line 2, the word --disk-shaped-- should be inserted before the phrase “nozzle body insert” in order to maintain proper antecedent basis.

Claim 20, line 7, the phrase --one of-- should be inserted before the phrase “spray-discharge” and the word “orifice” should be changed to --orifices-- to clearly indicate that these are the same discharge orifices defined in line 4.

Claim 20, line 12, the phrase --at least one-- should be inserted before the phrase “metering aperture” in order to maintain proper antecedent basis.

Claim 22, line 2, the phrase "--at least one disk-shaped--" should be inserted before the phrase "nozzle-body insert" in order to maintain proper antecedent basis.

Claim 26, line 2, the sentence "nozzle body has at least one" should be changed to "--at least one disk-shaped nozzle-body insert has the--", since claim 14 now recites the section of reduced wall thickness in the at least one disk-shaped nozzle-body insert.

Claim 27, lines 2 and 3, the phrase "one of the elevation levels" should be changed to "--the at least one elevation level--", since claim 14, now recites the section of reduced wall thickness in the at least one disk-shaped nozzle-body insert and the at least one elevation level is directly connected to at least one channel of the at least one disk-shaped nozzle-body insert.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

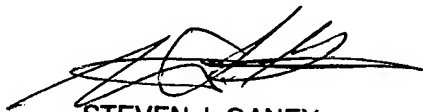
2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven J. Ganey whose telephone number is 571-272-4899. The examiner can normally be reached on 7:00-5:00; M, Tu, W and Th.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Scherbel can be reached on 571-272-4919. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3752

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

sjg  
7/21/06

  
**STEVEN J. GANEY**  
**PRIMARY EXAMINER**  
7/21/06